

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. After final amendment filed 4/11/08 is considered and will be enter.
3. Authorization for the examiner's amendment was given in a telephone interview with Mr. Thomas E. McKiernan Registration No. 37,899 on May, 21 2008 to further amend claim 1 presented in the after final amendment filed 4/11/08 as follow:
4. As to claim 1:

A method of chained switching execution of data processing tasks, comprising:
executing a third data processing task until a task switching opportunity occurs;
calling a task switching function with the third data processing task to store a context of
~~the third~~ data processing task in a register when the task switch opportunity occurs;
executing ~~a~~ second data processing task until a second task switching opportunity occurs;
calling the task switching function with the second data processing task to store the
context of the second data processing task linked ahead of the context of the third data
processing task in the register when the second task switching opportunity occurs:
executing a first data processing task;
executing a return call to the task switching function with the first data processing task;
selecting a ~~third~~ return address from the register based on the return call with the task
switching function while maintaining the storage of ~~a~~ second return address; and

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executing a return operation to the data processing task corresponding to the selected return address with the task switching function.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Qing-Yuan Wu whose telephone number is (571)272-3776. The examiner can normally be reached on 8:30am-6:00pm Monday-Thursday and alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Meng-Ai An/
Supervisory Patent Examiner, Art Unit 2195

/Qing-Yuan Wu/
Examiner, Art Unit 2194